

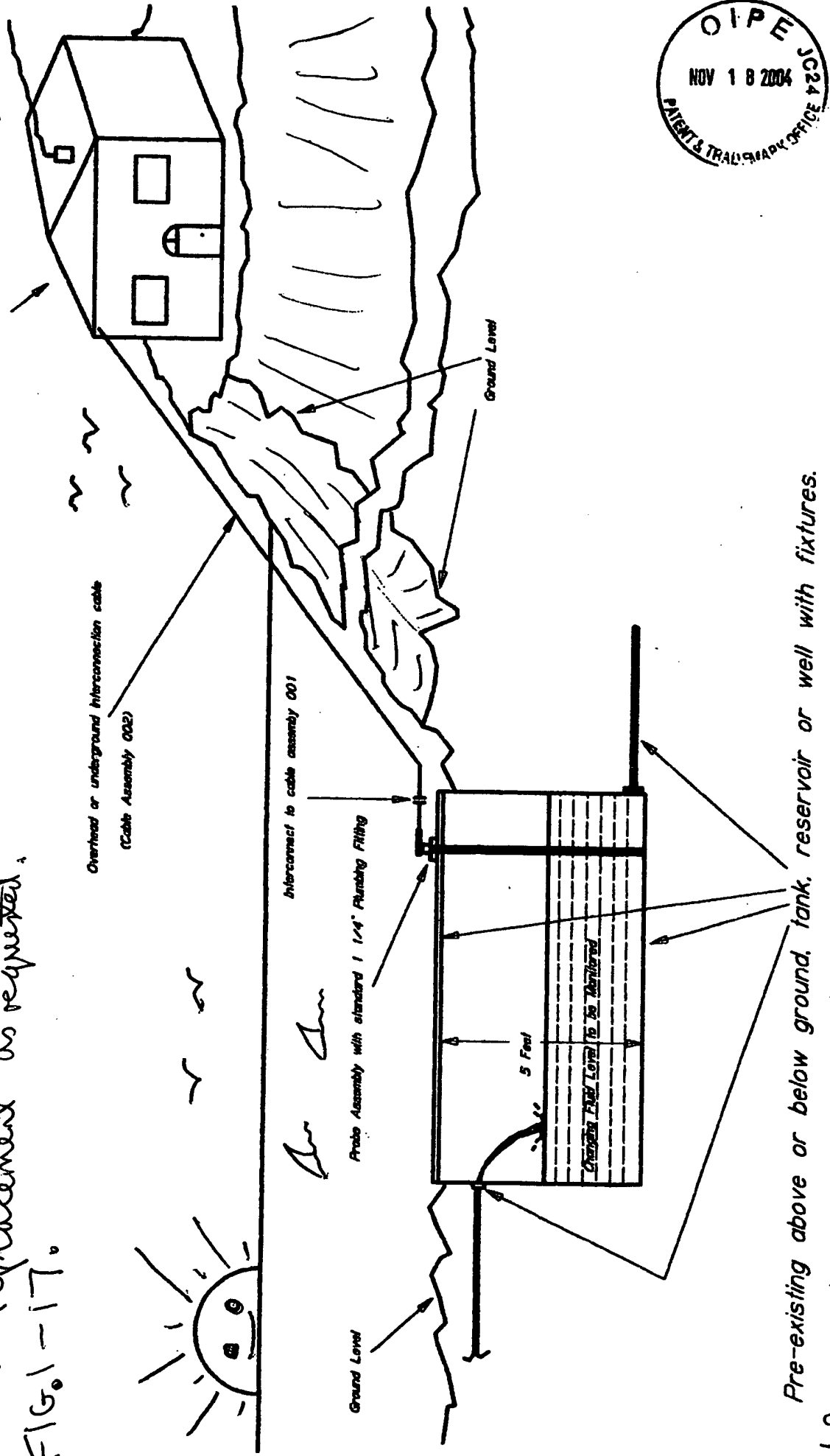
These are copies of drawings that were received by USPTO already has on file but have been marked "replacement" as requested.
FIG. 1-17.

Replacement

REMOTE MONITORING STATION

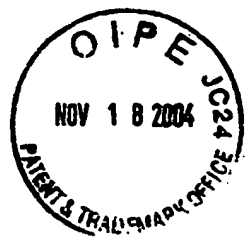
Dwelling Farm House, Office, Laboratory, Data control unit etc.)

! The Electronics Box, EBI, Shall Be Mounted Conveniently Near !



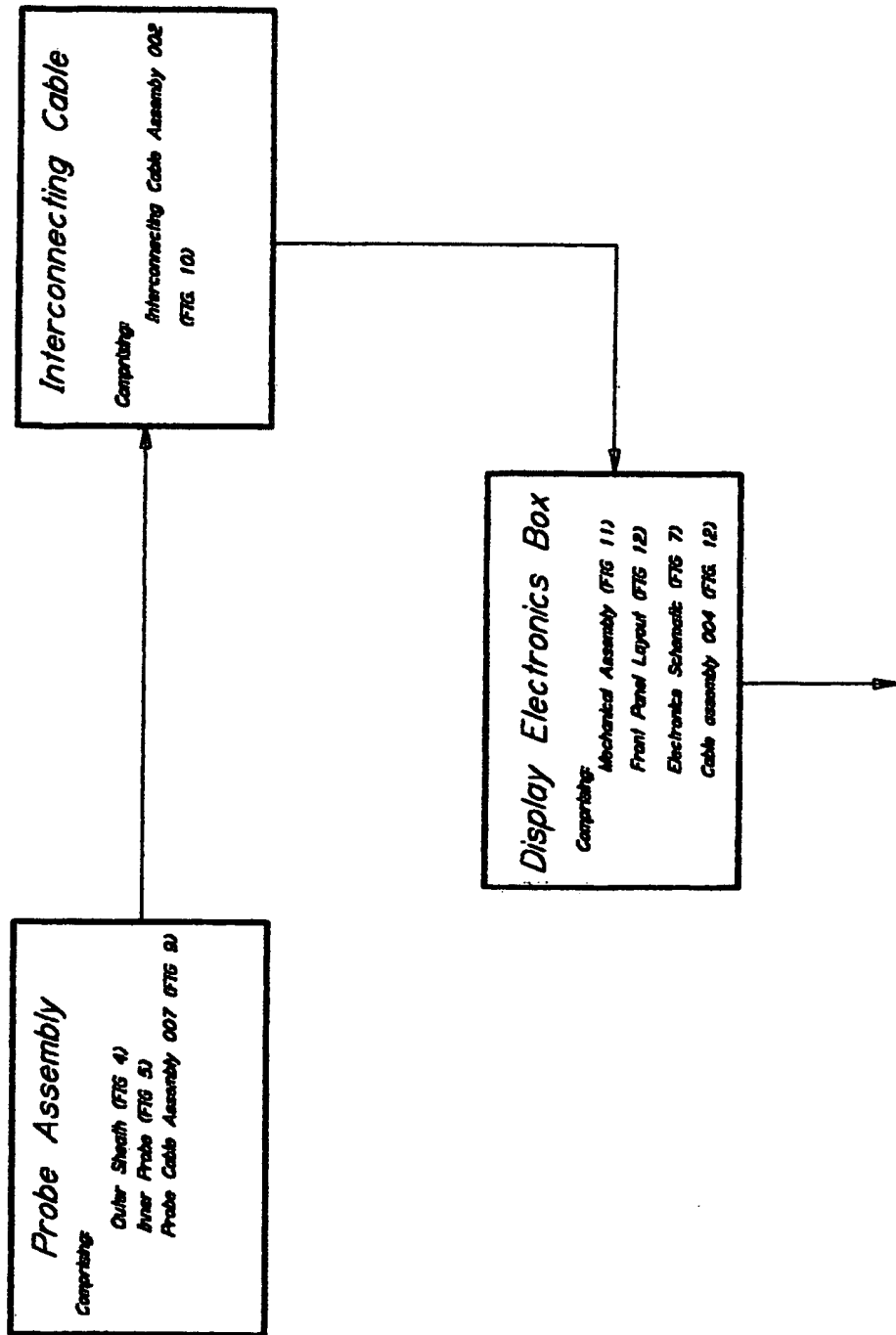
Pre-existing above or below ground, tank, reservoir or well with fixtures.

Note: - These drawings Fig 1-17 originals were received by USPTO and described in "Amendments to Drawings" dated Oct 18th 2004.



Designed Alan H. Green	Date: 10/21/2004
Approved [Signature]	Project File # 10032903
Drawn [Signature]	FIG. 1

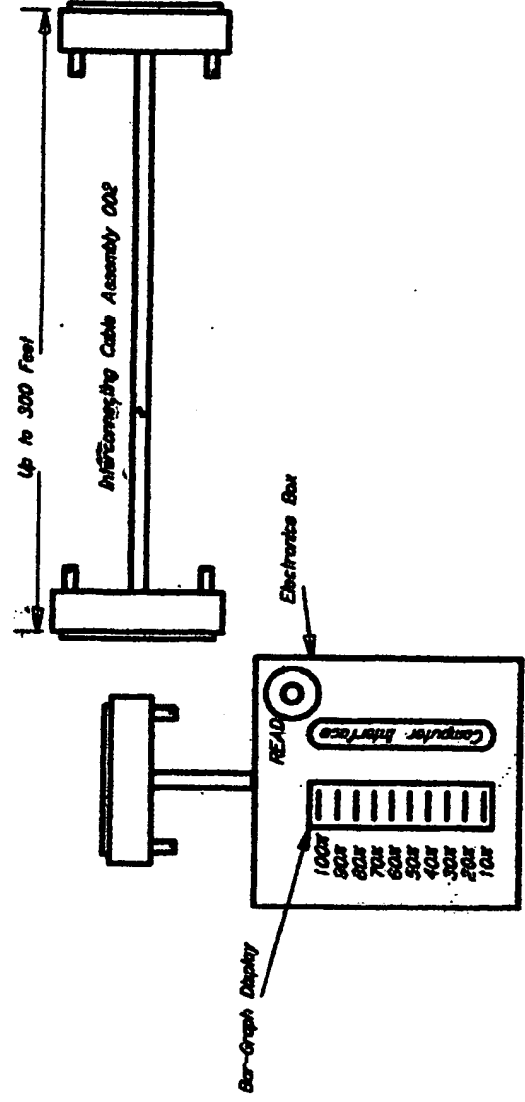
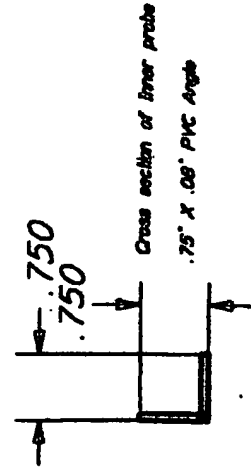
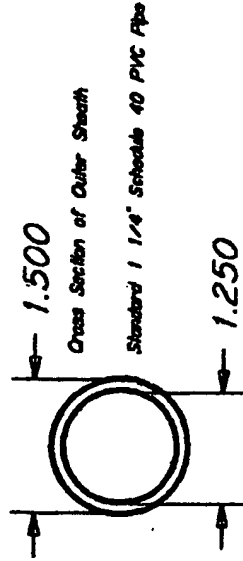
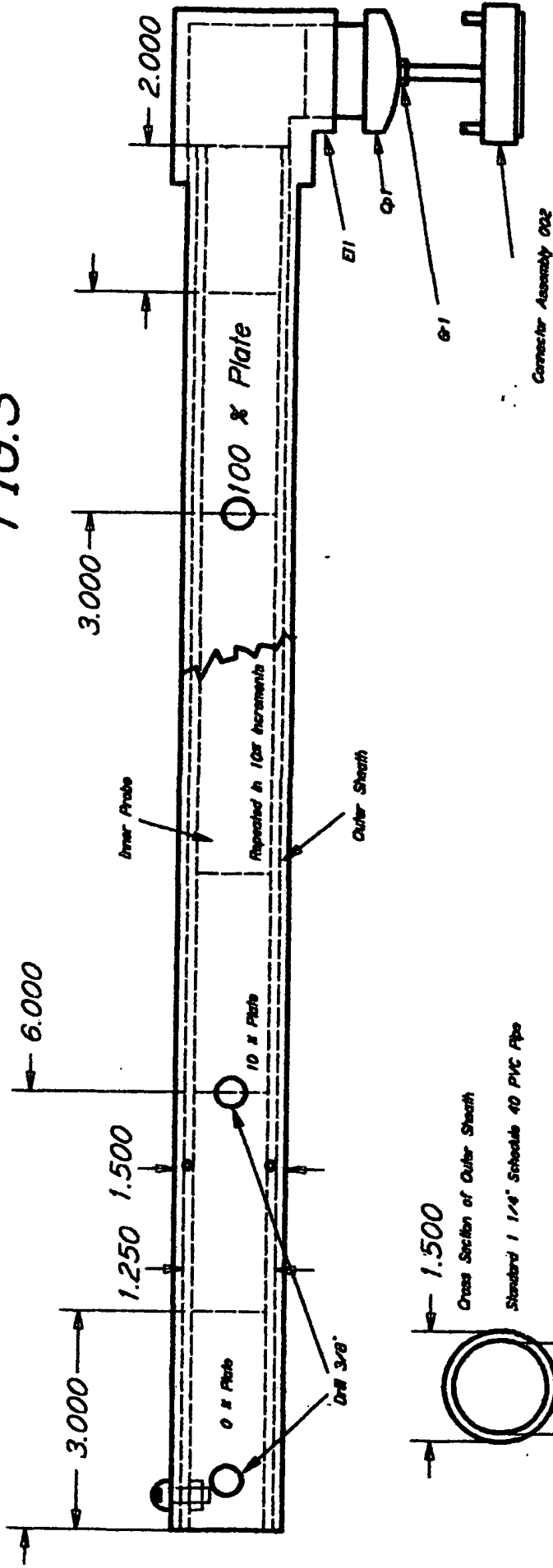
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Designed	Date: 10-21-2004
Allen M. Brown	
Approved	Project: Fluid level
Drawn	FIG. 2

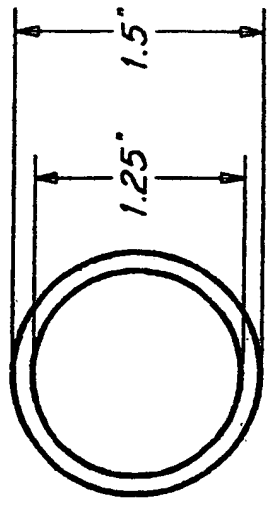
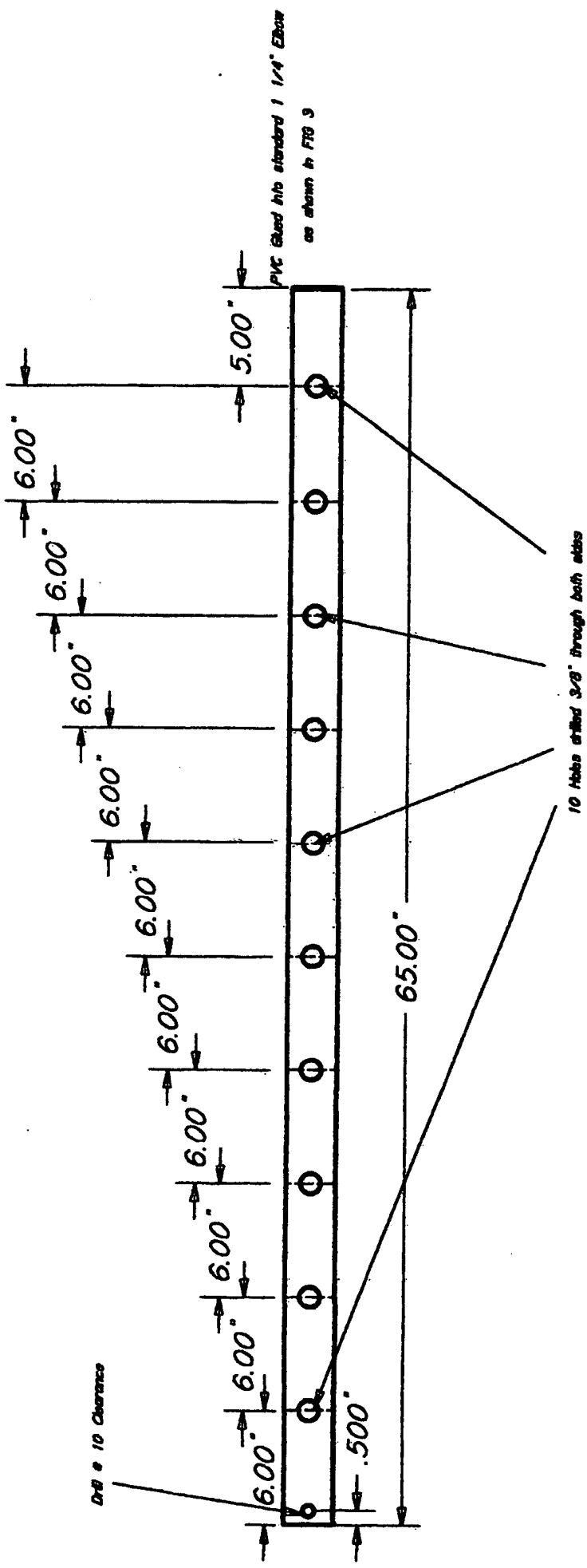
replacement

FIG. 3



Probe/Type Electronic Box 5.25" x 3.25" approx.

replaced



Outer Sheath Cut From Standard
Schedule 40 1 1/4" PVC Pipe
Drilled as Shown

Cross Section Approx Dimensions

Designed	Date: 10/21/2004
Allen H. Green	Project: Fluid level
Approved	FIG. 4
Drawn: 0032004	

[illegible]

*Inner Probe Cut From Standard
3/4" X .08" PVC Angle
Drilled as Shown*


Cross Section Approx Dimensions

Date: 10/21/2004 Project: Fluid level	FIG. 5
Drawn by: [Signature] Approved: [Signature]	Draw # 0032005

[illegible]

This Diagram Shows How the Dimensions of the Inner Probe Would Change for a 4 Foot Version.

The Outer Sheath Would Follow Accordingly ie 4.8" spacing instead of 6"

Drawn Alan H. Gross Approved 	Date: 10-21-2004 Project: Fluid level	FIG. 6
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The schematic diagram illustrates the internal circuitry of the Display Electronics Box. It features a 9V battery (V1) connected to a series of resistors (R1-R31) and LEDs (LED1-LED10). A 'READ' push button (PB1) is connected to the circuit. The diagram also shows a series of switches (WL10-WL100) and a Data Output J1 connector. The circuit is organized into sections labeled A through G.

Notes:

1. Normally Open Switches WL10 - WL100 represent the incremental fluid levels 10% -100% being reached. (70% full is being used for demonstration purposes)
The associated pin numbers 1 -10 refer to interconnecting cable 004 detailed in FIG 12
2. R31 Represents the maximum liquid level resistance for each increment that can be tolerated for this version and is included in the schematic for demonstration purposes only (SEE ELECTRONIC CIRCUIT THEORY OF OPERATION)
3. Connection detail of Optional Data Output J1 is detailed in FIG 13.
4. A complete parts list is shown in Table 1

Title: Fig. 7			
FIG. 7 Display Electronics Box Schematic.			
Designed by:	Alan Green	Document N	0007
Checked by:	101	Date	Oct 12 2004
		Revision	D
		Size	A

1. Normally Open Switches WL10 - WL 100 represent the incremental fluid levels 10% -100% being reached. (70% full is being used for demonstration purposes)
The associated pin numbers 11-10 refer to interconnecting cable 004 detailed in FIG 12

2. R31 Represents the maximum liquid level resistance for each increment that can be tolerated for this version and is included in the schematic for demonstration purposes only (SEE ELECTRONIC CIRCUIT THEORY OF OPERATION)

3. Connection detail of Optional Data Output J1 is detailed in FIG 13.

4. A complete parts list is shown in Table 1

Title: Fig 7

FIG. 7 Display Electronics Box Schematic.

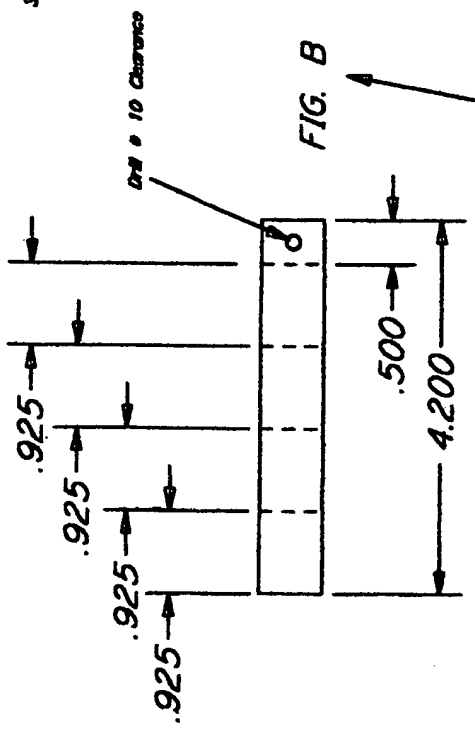
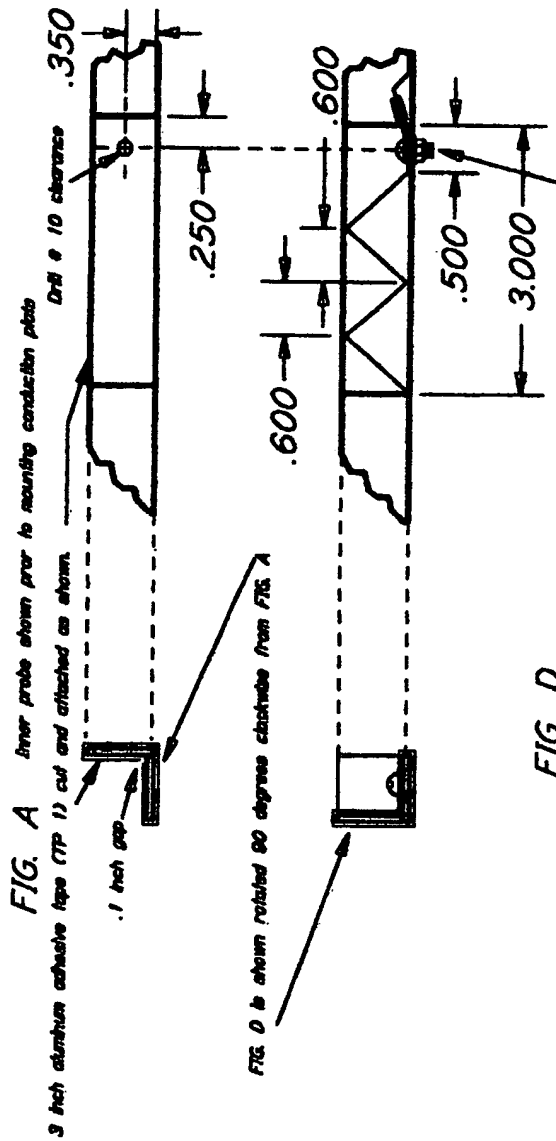
Designed by: Alan Green

Checked by:

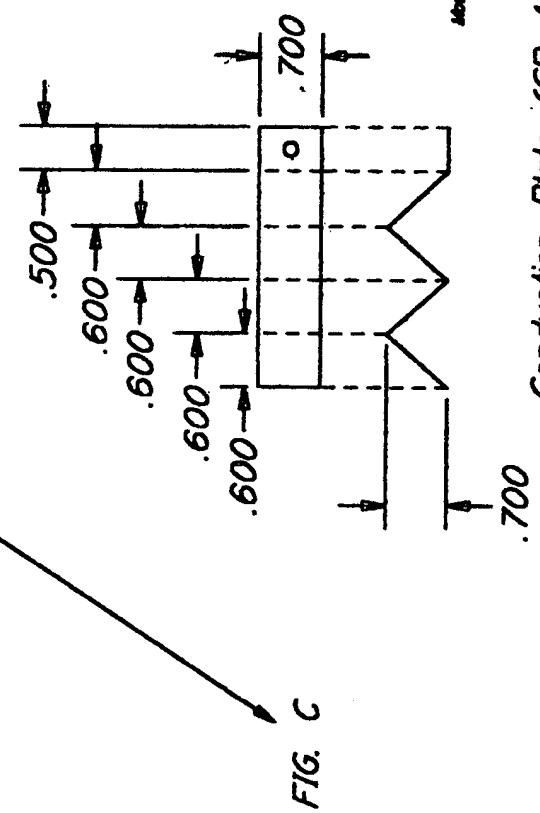
Document N: 0007	Revision
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Date	Oct 12 2004	Size	A
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replacement



30 Gauge Aluminum Sheet
Cut, marked and drilled as shown in FIG. B
Band as shown in FIG. C

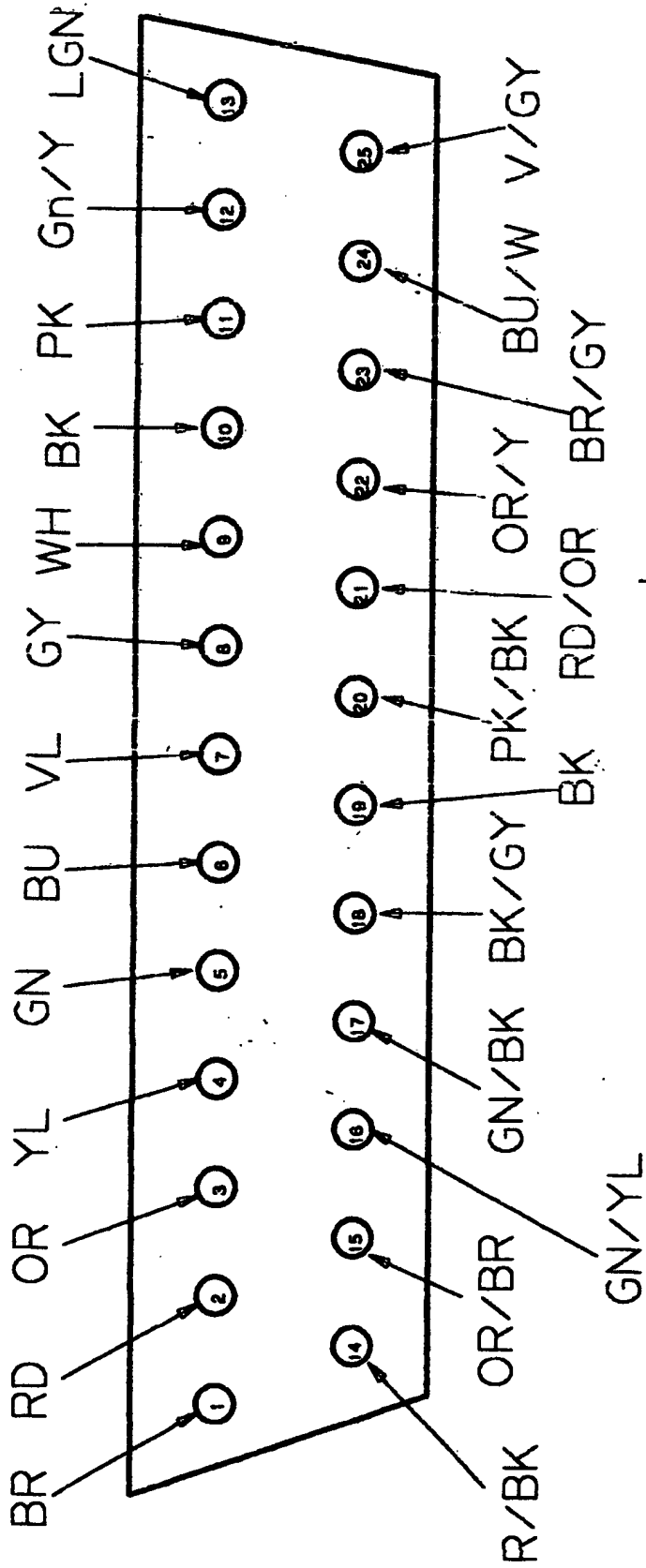


Conduction Plate (CP 1 - 10)

Crimp Terminal (CR 1 - 10)
Wire connection (See FIG. 9 for wiring detail)
Stainless Steel Lockwasher (LK 1 - 10)
Stainless Steel Nut (NUT 1 - 10)
Stainless Steel Bolt (BLT 1 - 10)

Designed Allen J. Brown	Date: 10-21-2004
Approved [Signature]	Project: Fluid level
Drawn: 0032001	FIG. 8

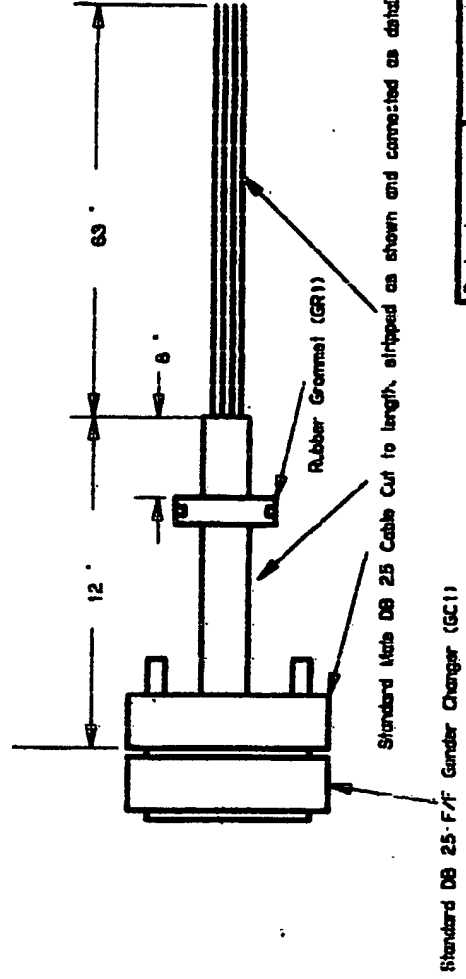
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- Pin 1 = 10%
- Pin 2 = 20%
- Pin 3 = 30%
- Pin 4 = 40%
- Pin 5 = 50%
- Pin 6 = 60%
- Pin 7 = 70%
- Pin 8 = 80%
- Pin 9 = 90%
- Pin 10 = 100%

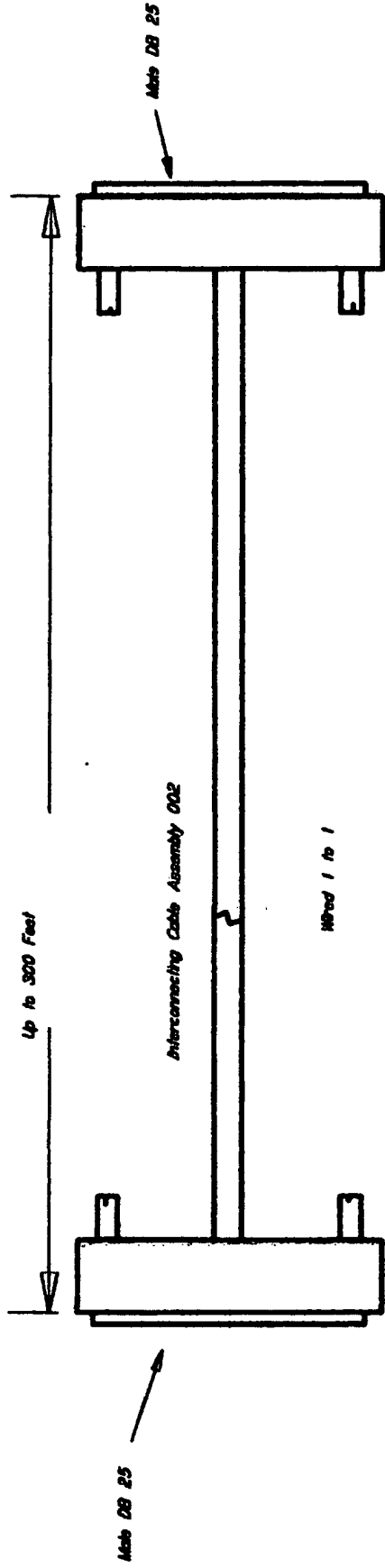
Refer to FIG. 5 for mechanical connection detail

Pin 11 = Gnd 0%



Designed Alan H. Grop	Date 10/22/2034
Approved	Project: Fluid Level
Draw # 0032008	FIG. 9

replacement

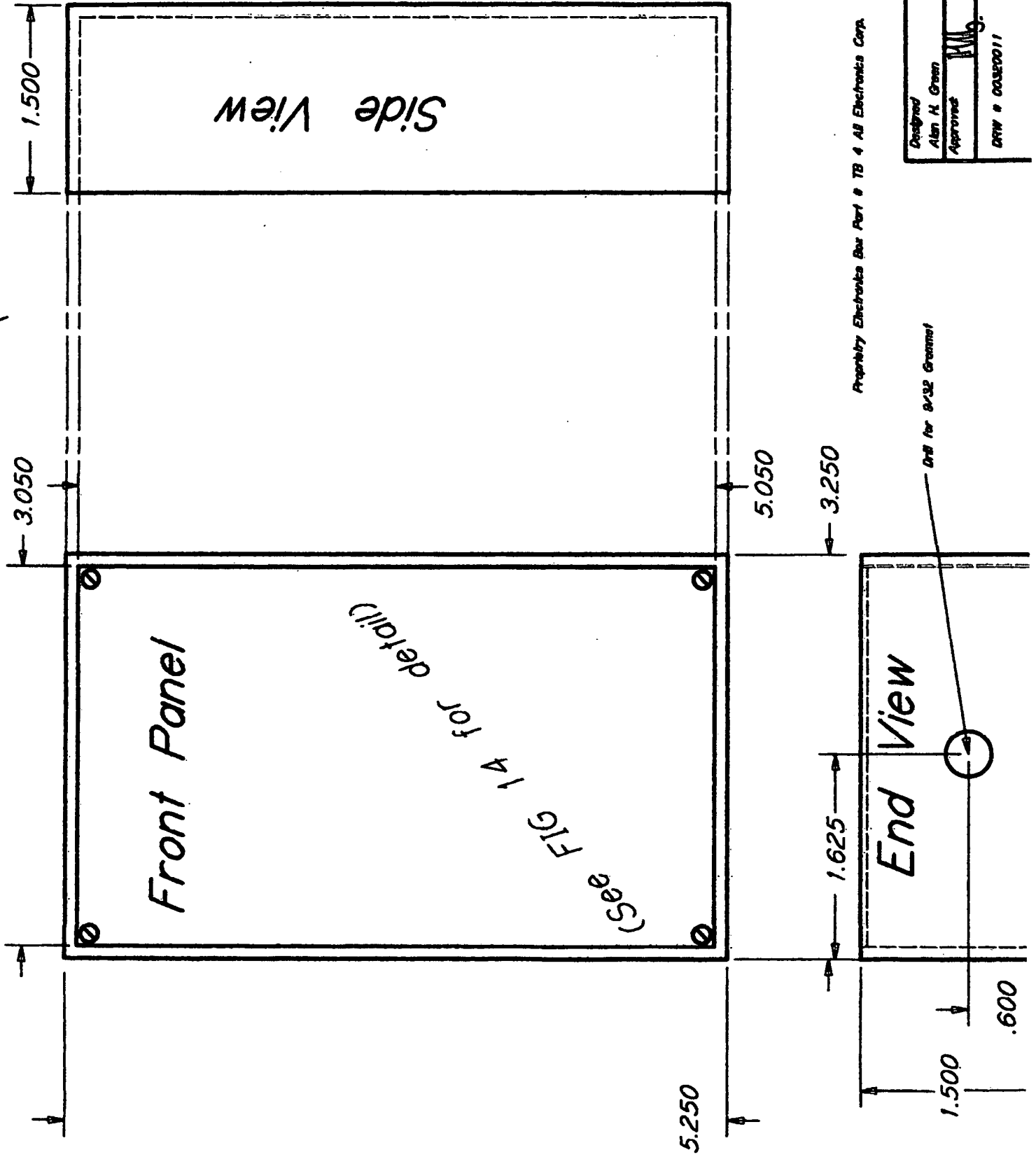


Standard DB 25 Cable Wired 1 to 1

The system has been field tested with 300 Feet of interconnecting cable.

It is anticipated that it will work successfully at distances much greater than this if required. Cable is expensive so the length will generally be tailored to individual requirements.

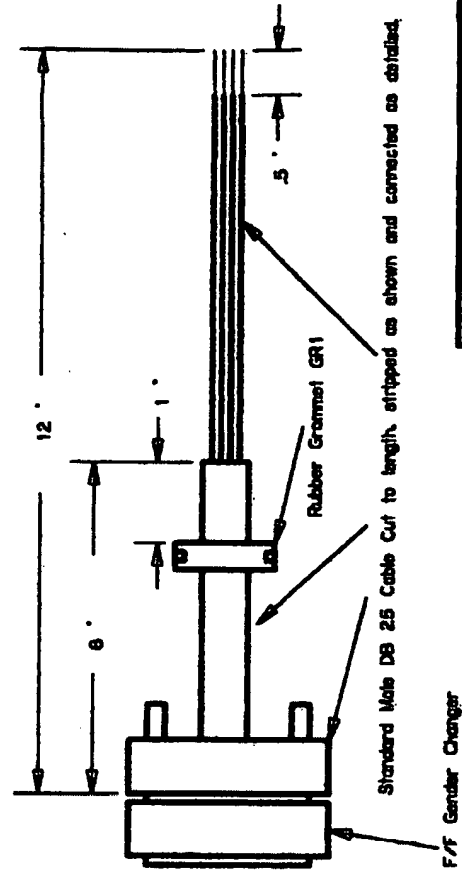
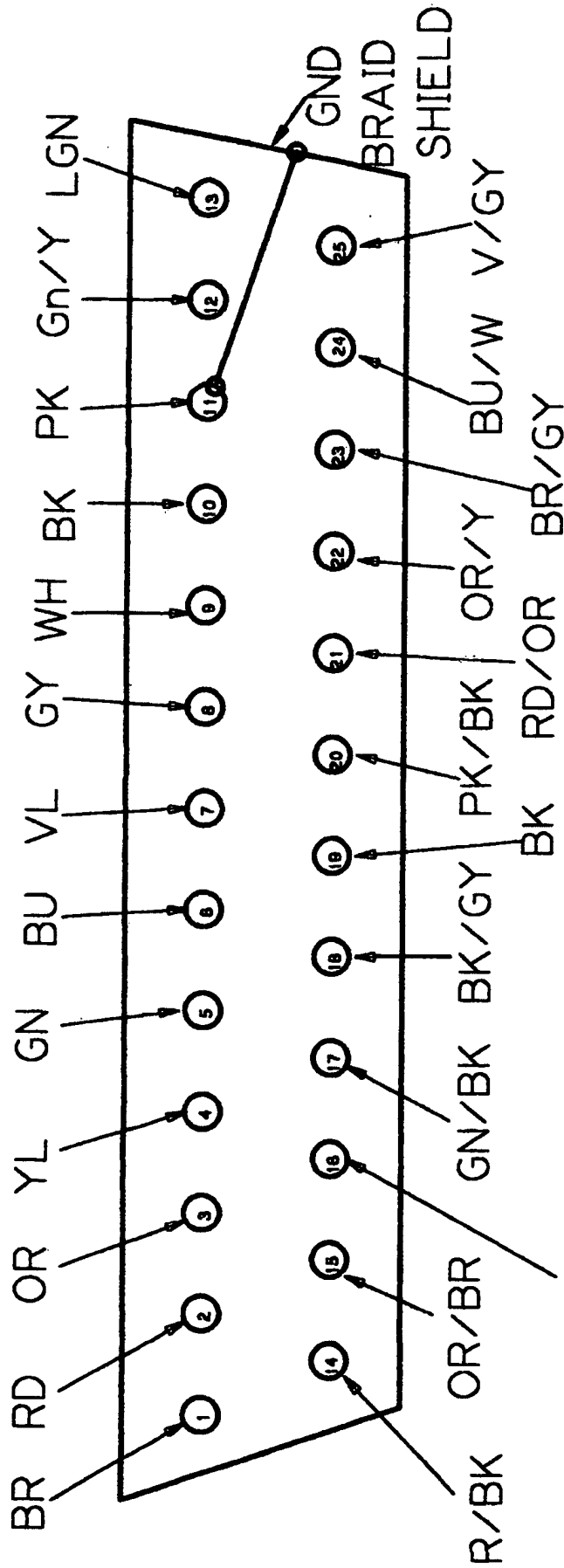
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Proprietary Electronics Bar Part # TB 4 AB Electronics Corp.

Designed Alan H. Green	Date: 11/08/2004
Approved H. G.	Project: Fluid Level
DRW # 00320011	FIG. 11 Electronics Display Bar

replacement



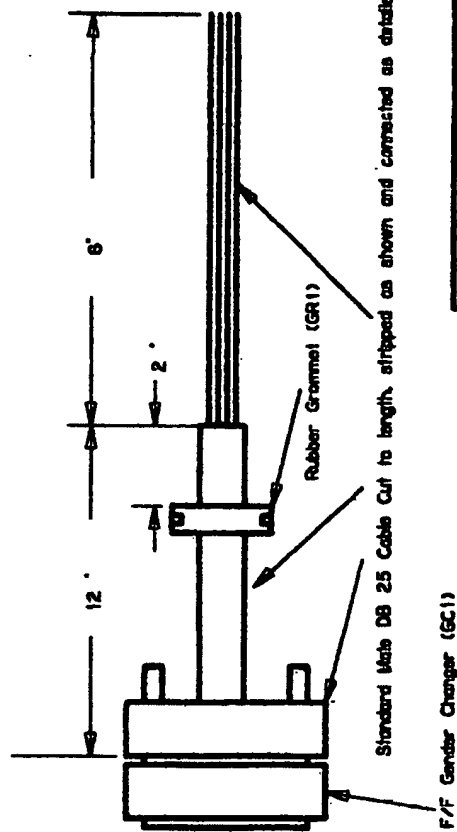
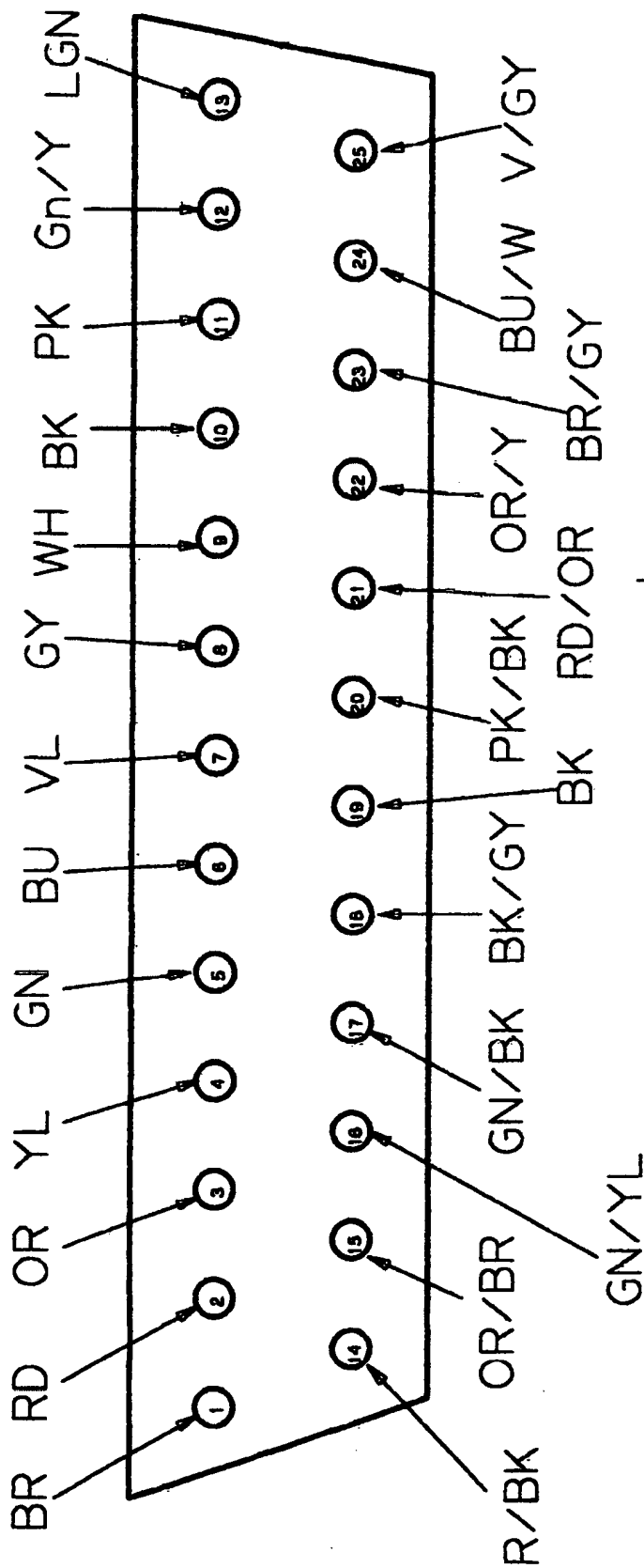
- Pin 1 = 10%
- Pin 2 = 20%
- Pin 3 = 30%
- Pin 4 = 40%
- Pin 5 = 50%
- Pin 6 = 60%
- Pin 7 = 70%
- Pin 8 = 80%
- Pin 9 = 90%
- Pin 10 = 100%

Refer to FIG. 7 for more detail

Pin 11 = Gnd & Shield

Designed Alan H. Gagan	Date 10/22/2004
Approved <i>[Signature]</i>	Project Fluid Level
Drawn 0032608	FIG. 12

replacement



- Pin 1 = 10%
- Pin 2 = 20%
- Pin 3 = 30%
- Pin 4 = 40%
- Pin 5 = 50%
- Pin 6 = 60%
- Pin 7 = 70%
- Pin 8 = 80%
- Pin 9 = 90%
- Pin 10 = 100%

Refer to FIG. 7 for Electrical Connection Detail to J1

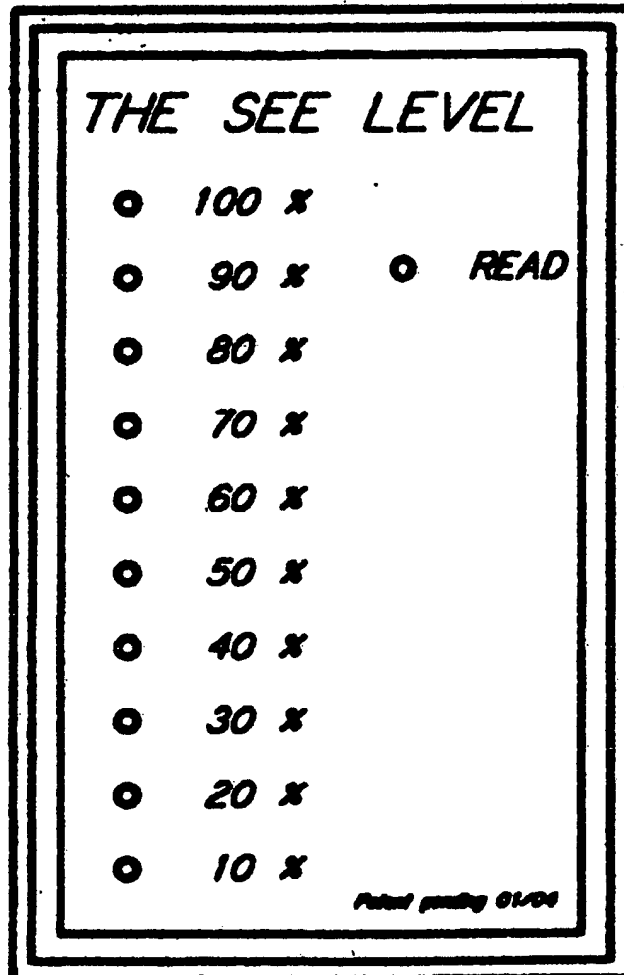
Pin 11 = Gnd 0%

Designed Alan H. Griffin	Date 10/22/2004
Approved [Signature]	Project Field Level
Drawn 00326613	FIG. 13

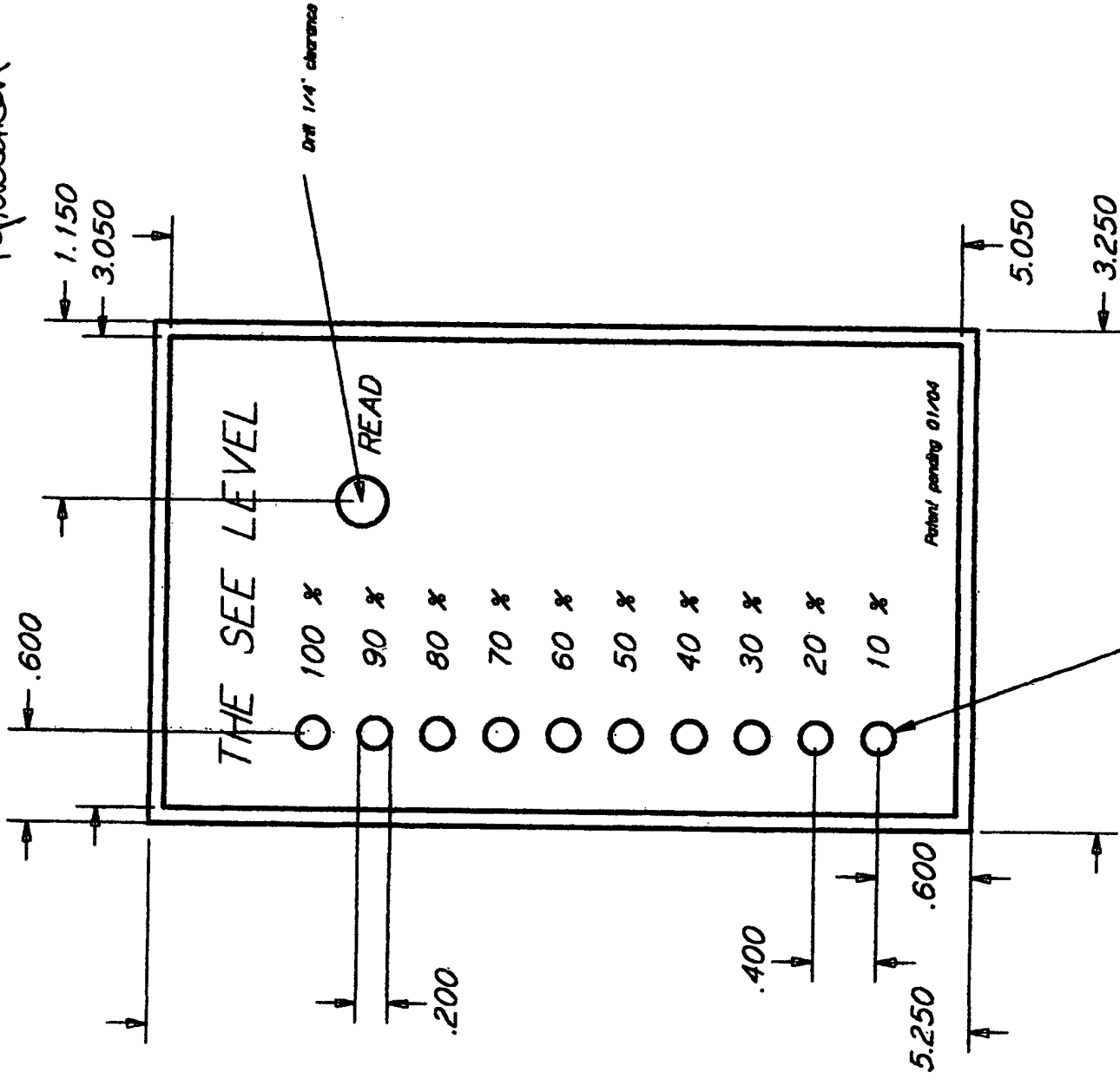
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FIG. 14

Vinyl Front Panel as Printed

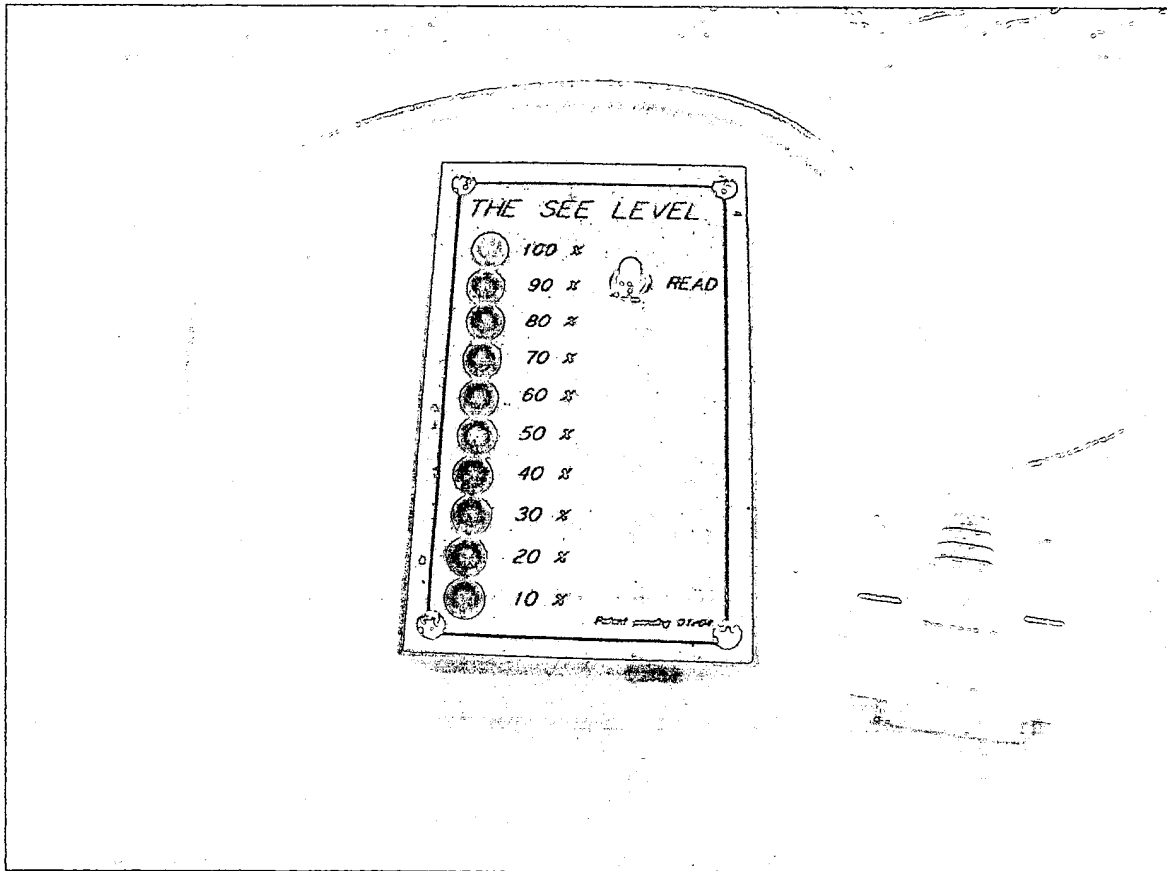


replacement



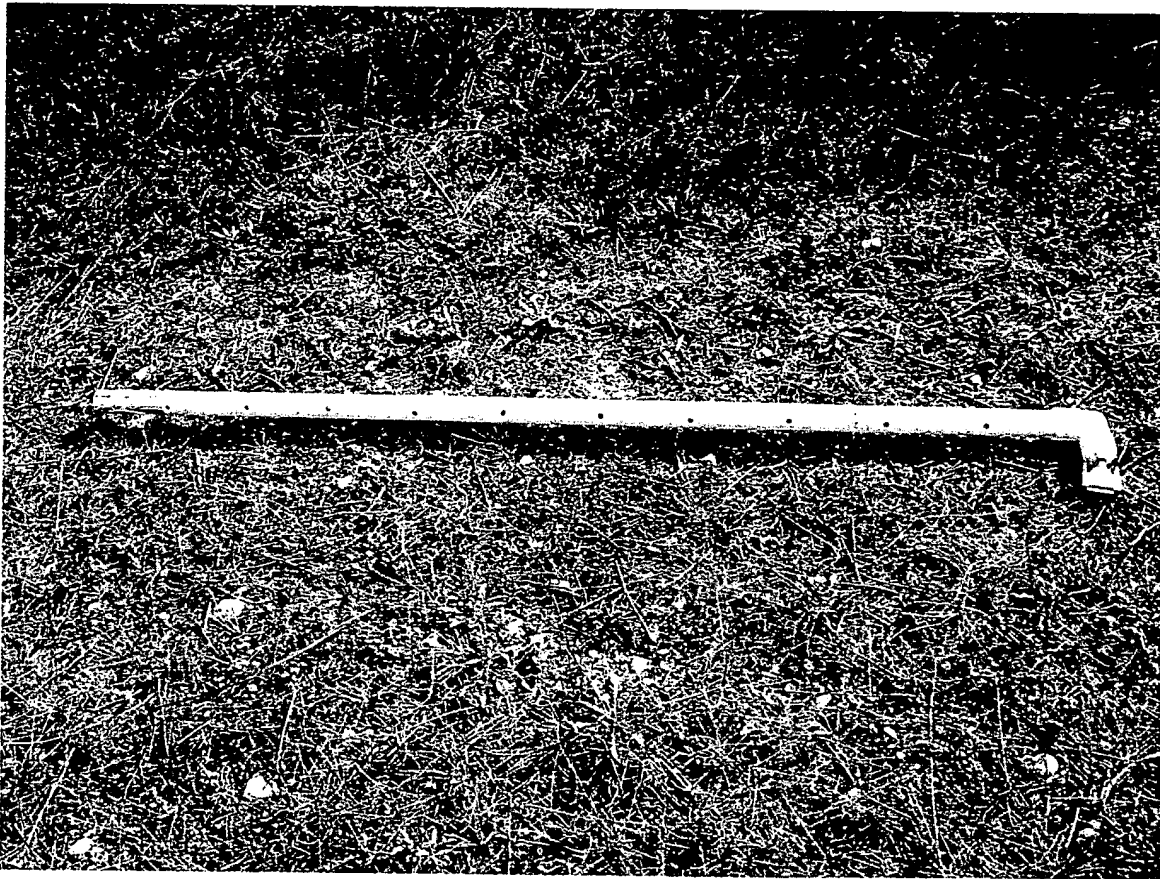
Designed Allen H. Green	Date: 11/11/2004
Approved <i>[Signature]</i>	Project: Fluid Level
DRW # 003E0015	FIG. 15

Replacment M.



Replacement Mh

The Complete Probe Assembly (5 foot version) Prototype
FIG. 17



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